

## **Region 3 GPRA Baseline RCRA Corrective Action Facility**

# **VDOT Culpeper**

**1601 Orange Road  
Culpeper, Virginia 22701  
Congressional District 7  
EPA ID #: VAD980715064  
Updated July 6, 2007**



**USGS Culpeper East and West  
Photorevised 1978 and 1979  
Scale: 1 inch = 1,600 feet (approx.)**



**Site Plan  
Scale: 1 inch = 800 feet (approx.)**

## **Current RCRA CA Activities**

The Virginia Department of Environmental Quality (DEQ) is the lead agency for oversight of RCRA Corrective Action (CA) work at the facility. The CA investigations and any necessary clean up activities at the facility are being implemented in accordance with the conditions and requirements of Post-Closure Permit (Permit) issued to the facility.

In July of 1996, the DEQ and the Virginia Department of Transportation (VDOT) initially entered into a

Compliance Agreement for the facility site to comply with requirements of the RCRA. The Compliance Agreement outlined VDOT's regulatory obligations associated with three solid waste management units (SWMUs) identified at the facility. The three SWMUs identified in the Compliance Agreement have historically been referred to as the Sign Shop Vat, the Paint Pit, and the Hot Vat Stripper Ditch. The above SWMUs are no longer operating at the facility. The Closure Report for the facility's above SWMUs indicated that the Hot Vat Stripper Ditch did not adversely impact soil or groundwater and is; therefore, not included in the facility's Post-Closure Permit.

On September 14, 2005, the facility was issued a Hazardous Waste Management Post-Closure Permit, which includes site-wide CA requirements of the Hazardous and Solid Waste Amendments (HSWA) of the Resource Conservation and Recovery Act (RCRA) of 1984.

The facility's Permit requires the facility to conduct a RCRA Facility Investigation (RFI) for potential releases of hazardous waste and/or hazardous constituents at specified SWMUs and Areas of Concern (AOCs) identified at the facility. The RFI will be performed under two phases, a Phase I RFI and a Phase II RFI. The purpose of the Phase I RFI Report is to provide a preliminary assessment and results of the investigations regarding the nature and extent of potential releases from SWMUs and AOCs, to screen SWMUs and AOCs from further investigation, to focus the Phase II RFI, and to determine whether interim/stabilization measures (IMs) are necessary.

The facility submitted a Phase I RCRA RFI Report to the DEQ and the EPA Region III in July 2006. The DEQ reviewed the Phase I RCRA RFI Report and issued a Notice of Deficiency (NOD), dated January 4, 2007.

On June 13, 2007 DEQ issued conditional approval of the Phase I RCRA RFI Report.

## **Site Description**

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The VDOT Culpeper District Headquarters is located on a 52.8 acre parcel of land on US Route 15 Business, in the southern portion of the incorporated limits of the Town of Culpeper. The topography varies, with the land sloping primarily to the North and East. Since the late 1930's various activities have been conducted at the facility site including storage/maintenance of VDOT vehicles, storage of materials, used sign refurbishing, and various administrative/dispatch services.

## **RCRA CA Milestones**

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To date the following RCRA CA milestones have been completed at this facility:

- The Phase I RFI Work Plan, dated July 7, 2006, was submitted to the DEQ. The above Work Plan proposed to collect samples at two SWMU locations: SWMU No. 8, the Former Salvage Metal and Trash/Debris Dump Site (FSMDSS) and SWMU No. 10, the Suspect Waste Disposal Area (SWDA).

The DEQ requested additional groundwater sampling prior to elimination of SWMUs Nos. 1 through 7 from the RFI process and elimination of SWMU No. 9, Former Equipment and Battery Storage Area (FEBSA), from the Phase I RFI.

- The facility submitted a Phase I RCRA RFI Report to the DEQ and the EPA Region III in July 2006.
- On June 13, 2007, the DEQ issued conditional approval of the Phase I RCRA RFI Report.

## Environmental Indicator Status

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Under the Government Performance and Results Act (GPRA), EPA has set national goals to address high priority RCRA Corrective Action facilities by the year 2008. EPA is evaluating two key Environmental Indicators (EIs) for each facility: Current Human Exposures Under Control and Migration of Contaminated Groundwater Under Control. This facility is one of EPA Region III's high priority facilities and falls under this initiative.

Virginia's current evaluation of Environmental Indicators for this facility is as follows:

- *Human Exposures Controlled Determination:* The DEQ has made the EI determination of "yes, that current human exposures are under control." The above determination is based upon the DEQ's Current Human Health Environmental Indicator (HHEI) Determination Report, CA 725, dated September 27, 2006. This above HHEI determination is considered current, effective July 6, 2007.
- *Release to Groundwater Controlled Determination:* The Release to Groundwater Controlled Determination has not been made.

## Contaminants

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The primary contaminants of concern in soil and groundwater are 1,2-dichloropropane and chlorinated solvents.

## Institutional Controls

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A Post-Closure Permit with the RCRA CA Module and Attachments has been issued by the DEQ for the facility site on September 14, 2005. The above Permit requires post-closure care and groundwater monitoring, and site-wide CA requirements.

## Community Involvement

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Citizens' questions and concerns may be directed to the contact below. Also, the Administrative Record which contains all documents and information regarding the RCRA CA program for this facility are available for public review at the following location(s):

Virginia Department of Environmental Quality  
629 East Main Street  
Richmond, Virginia 23219  
Phone: (804) 698-4124  
Contact: Mr. Christopher R. Tompkins, Jr., P.E.

The DEQ also maintains a facility mailing list that is used to inform the public of substantial issues and permit administrative actions regarding the facility.

## Government Contacts

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The Commonwealth of Virginia DEQ is the lead CA regulatory authority for this project. Please contact the DEQ project manager listed below for details on this project or the contents of this fact sheet.

### **DEQ Project Manager**

Mr. Christopher R. Tompkins, Jr., P.E.  
Environmental Engineer Senior  
Virginia Department of Environmental Quality  
629 East Main St.  
P.O. Box 10009  
Richmond, VA 23240  
Phone: (804) 698-4124  
Fax: (804) 698-4234  
Email: [ctrompkins@deq.virginia.gov](mailto:ctrompkins@deq.virginia.gov)

**EPA Project Manager**

Mr. Mike Jacobi – 3WC23  
U. S. Region III  
Virginia Department of Environmental Quality  
1650 Arch Street  
Philadelphia, PA 19103-2029  
Phone: (215) 814-3435  
Email: [Jacobi.mike@epa.gov](mailto:Jacobi.mike@epa.gov)

For more information about the EPA corrective action program, including Environmental Indicators, please visit the EPA web site at: [www.epa.gov/reg3wcmd/correctiveaction.htm](http://www.epa.gov/reg3wcmd/correctiveaction.htm)

## **Facility Contact**

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The facility contact is:

Mr. Ed Wallingford  
Virginia Department of Transportation  
Environmental Division  
1401 East Broad Street  
Richmond, VA 23219

## **Fact Sheet Updates**

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The previous factsheet was updated January 1, 2007. The next update is scheduled for January 1, 2008. Previous Fact sheets may be obtained through the DEQ contact.